

SECRET**PRIORITY**

P 132134Z FEB 70

FM NPIC WASHDC

TO RHCOAAA/SAC OFFUTT AFB OMAHA NEB

RHCOAAA/544TH ARTW OFFUTT AFB OMAHA NEB

RUCILBA/100TH SRW OL 19 MCCOY AFB FLA

RUVVRIA/WRAMA/WRNWA WARNER ROBBINS AFB, GA

RUWMODA/100TH SRW DAVIS MONTHAN AFB ARIZ

RUWMODA/12 SAD DAVIS MONTHAN AFB ARIZ

RUEBJRA/NAVRECONTECHSUPPCEN SUITLAND MD

RUEAIIA/CIA WASH DC

RUCRJCS/DIA

RUWBKNA/15TH AF MARCH AFB RIVERSIDE CALIF

RUEFHQA/HQS USAF

BT

S E C R E T CITE NPIC 7990.

SAC FOR DIRI, DOSR, DISD, DM4C, DPLC; 100 SRW DAVIS MONTHAN AFB FOR

DO, DCOI, DCM, AEMS; 12 SAD FOR MD; DIA FOR DIAXX-1; HQ USAF FOR

AFIGOS, AFXOTR; 15TH AF FOR DI, DO, DM4C.

SUBJECT: EVALUATION OF OLD HEAD MISSION G-114, FLOWN
10 FEBRUARY 1970.

1. IMAGE QUALITY: THE OVERALL IMAGE QUALITY IS FAIR TO GOOD. IMAGE MOTION, DUE TO VEHICLE VIBRATION, IS APPARENT AT MAGIFICATIONS OF 25X AND ABOVE; HOWEVER, IT IS LESS SEVERE THAN THAT NOTED ON OH MISSION G-113. IN ADDITION, A FEW INSTANCES OF SCAN DIRECTION IMAGE SMEAR WERE NOTED. THE INTERPRETATION SUITABILITY RANGES FROM FAIR TO GOOD. CLOUD COVER OBSCURES APPROXIMATELY 50 PERCENT OF THE ENTIRE MISSION.

2. MISSION DATA

- A. G-114, 10 FEB. 70
- B. IRIS II, 8007
- C. A.C. NO:330
- D. STEREO
- E. T/O 1215Z, C/ON: 1418
- F. 3404, W-23A
- G. MX- 819-1, NRTSC
- H. AVERAGE GAMMA: 1.69
- I. SLIT: 0.085 INCH

3. ORIGINAL NEGATIVE:

A. EXPOSURE: ADEQUATE AT THE BEGINNING OF THE MISSION TO SLIGHTLY OVEREXPOSED AT THE END OF THE MISSION. THIS SLIGHTLY OVEREXPOSURE DID NOT AFFECT THE INTERPRETABILITY.

B. DENSITY AND CONTRAST: GENERALLY MEDIUM.

C. IMAGED DEGRADATIONS: GENERALLY MEDIUM.

BLOCK-SHAPED FOG PATTERNS DESCRIBED IN THE EVALUATION CABLE OF G-107, ARE PRESENT ON THIS MISSION MATERIAL. FOG PATTERNS ASSOCIATED WITH CAMERA START-UP AND SHUT-DOWN ARE LOCATED ON FRAMES 1-2, 5-6, AND 1305. A SIXTEENTH-INCH WIDE BAND OF FOG, EXTENDING ACROSS THE WIDTH OF THE FORMAT, IS PRESENT TWELVE INCHES FROM THE SUPPLY END OF THE FWD FRAMES AND THREE INCHES FROM THE TAKE-UP END OF THE AFT FRAMES. A SERIES OF PARALLEL PLUS DENSITY STREAKS, ONE-EIGHTH INCH LONG AND ONE-SIXTEENTH INCH APART, EXTEND ACROSS THE FORMAT AT A FORTY-

OUT 69350

1970 FEB 13 22 12Z

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1	FILE	
	CABLE SEC.	
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4	YES	
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	SPAD	
	DIA-AP	
	CHK	

ADVANCE CY
SANITIZED
WITH 1-XXGROUP 1
Excluded from automatic
downgrading and
declassification**SECRET**

25X1

FIVE DEGREE ANGLE AND ARE LOCATED EIGHT INCHES FROM THE TAKE-UP END OF MOST FRAMES. BANDING IS NOTICEABLE ON SOME FRAMES. IMAGE DEGRADATION FROM THE ABOVE ANOMALIES IS MINOR.

D. PHYSICAL DEGRADATIONS: FINE EMULSION SCRATCHES ARE PRESENT THROUGHOUT. THREE HEAT AND TWO ULTRASONIC SPLICES ARE PRESENT IN THE MATERIAL.

E. DATA RECORDING EQUIPMENT: DATA RECORDING EQUIPMENT FUNCTIONED PROPERLY. WRITE-UP CARD IS DIFFICULT TO READ DUE TO HEAVY EXPOSURE.

F. OTHER: LAST TITLED FRAME IS 1305; COUNTER 1305. 4. POSITIVES: FAIR. MANY OF THE HIGHLIGHT AREAS, O.N. D-MAX, ARE WASHED OUT, INDICATING SOME OF THE POSITIVES WERE SLIGHTLY UNDEREXPOSED.

GP-1

S E C R E T

END OF MESSAGE